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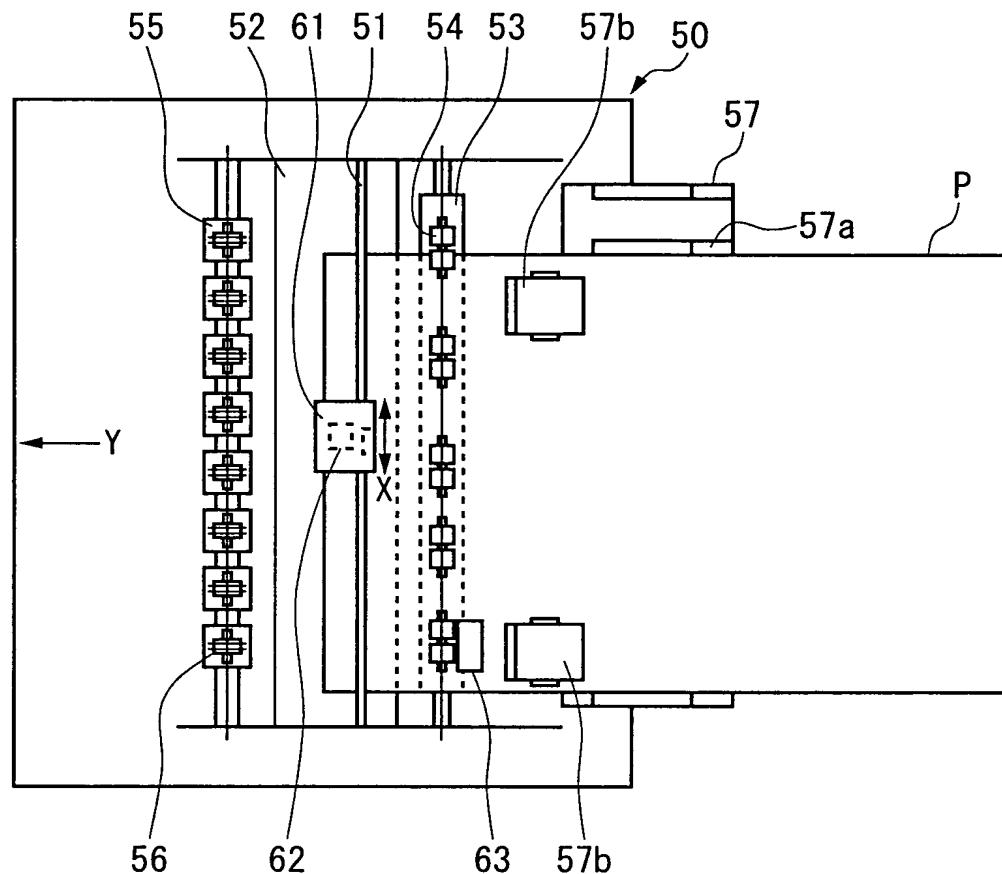


FIG. 1



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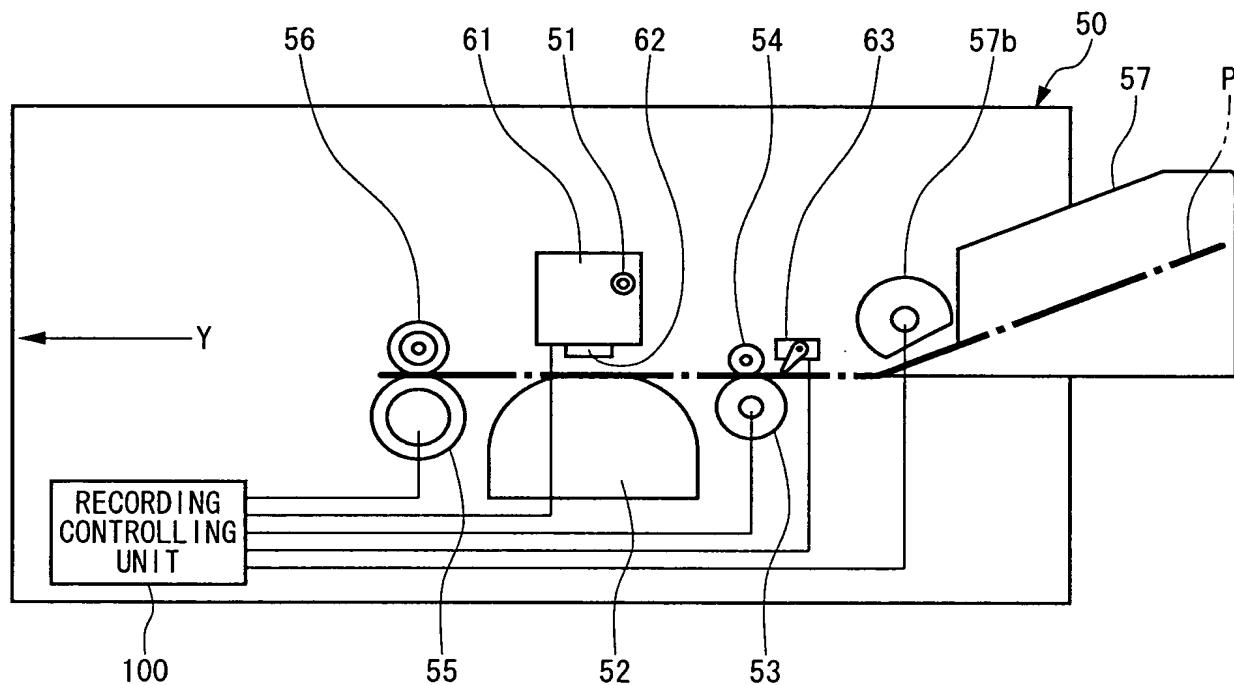
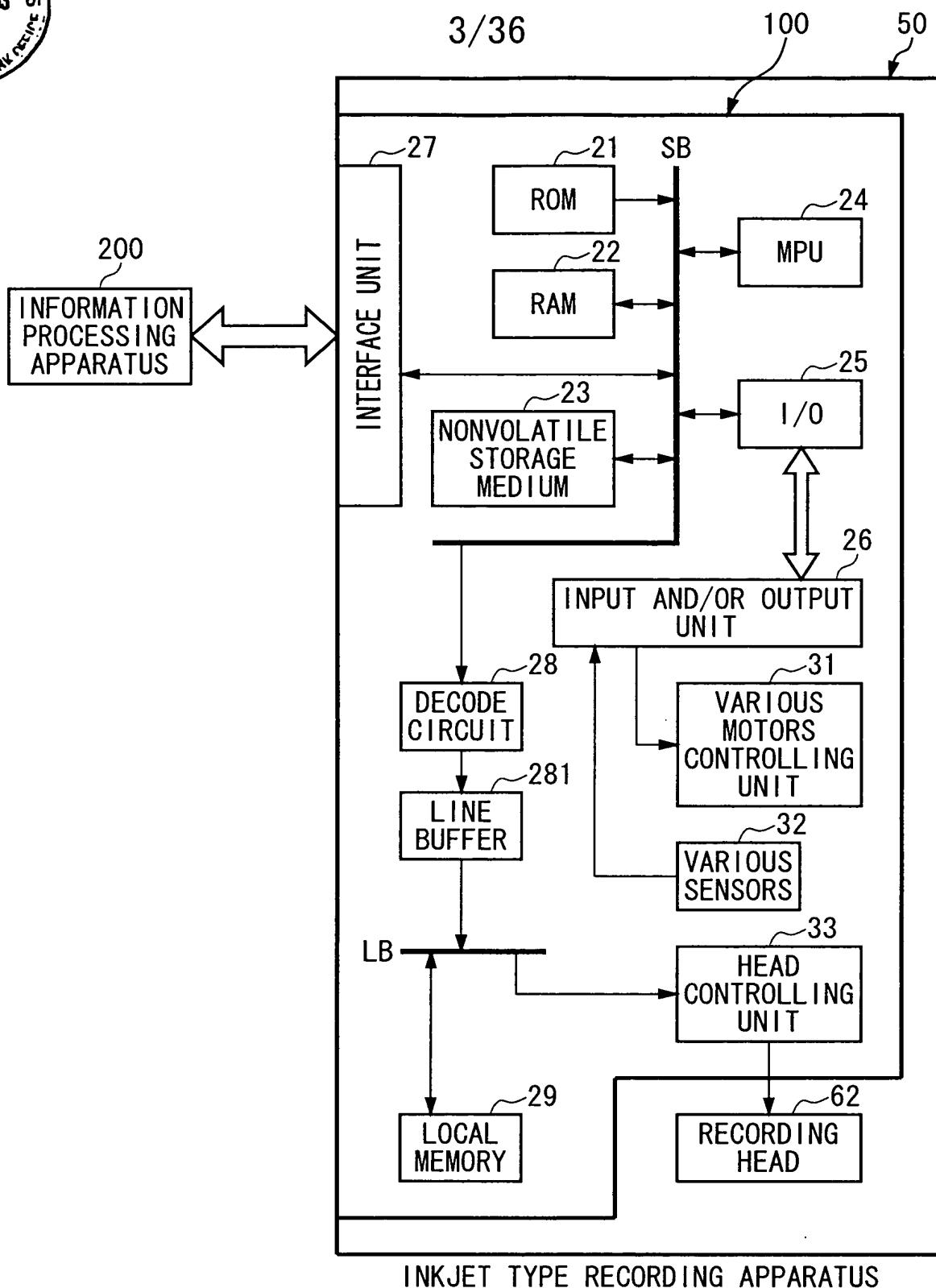


FIG. 2

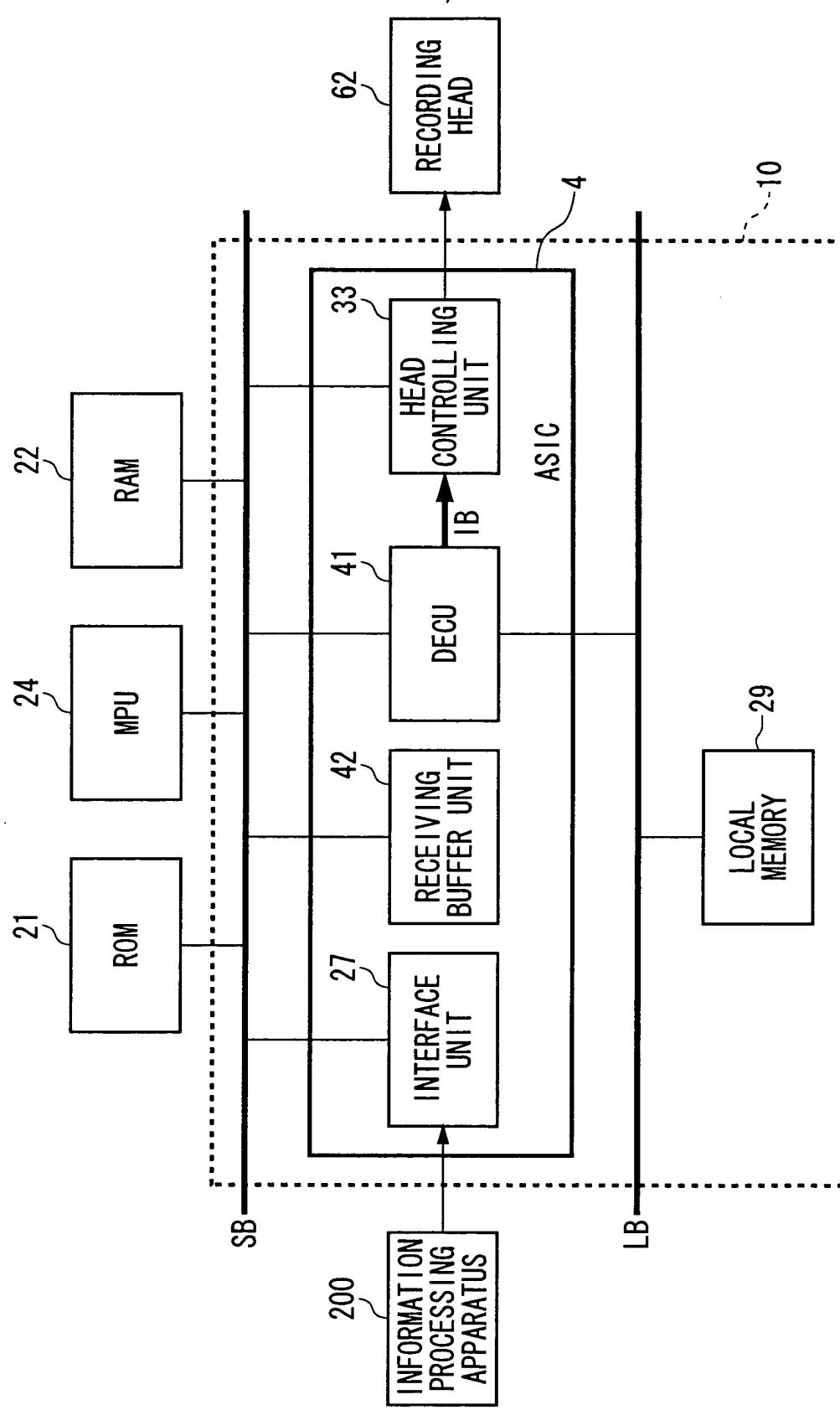


INKJET TYPE RECORDING APPARATUS

FIG. 3



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F/G. 4



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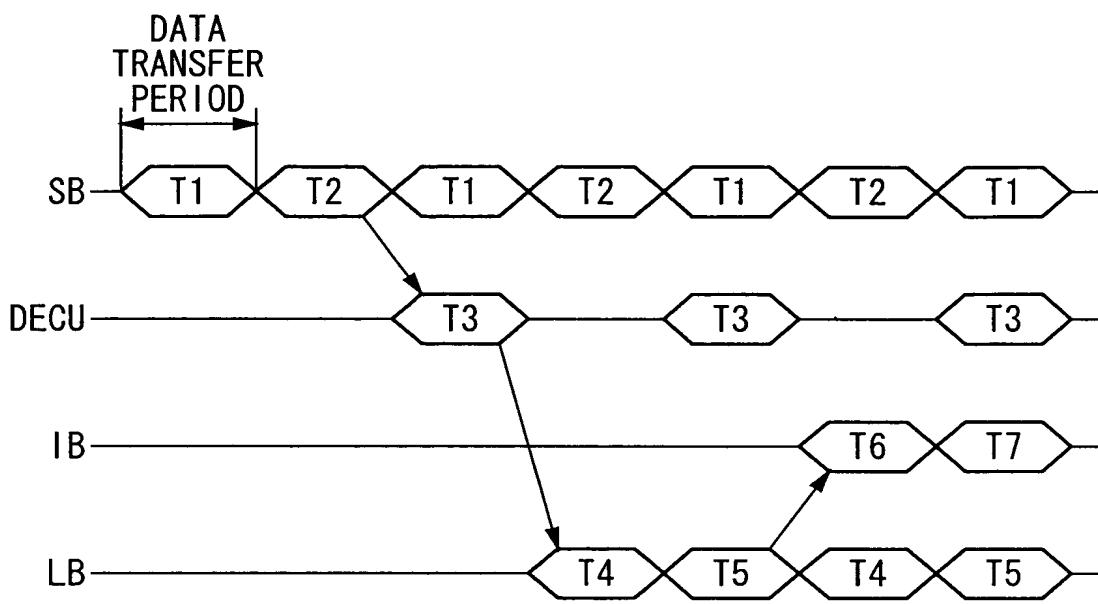


FIG. 5

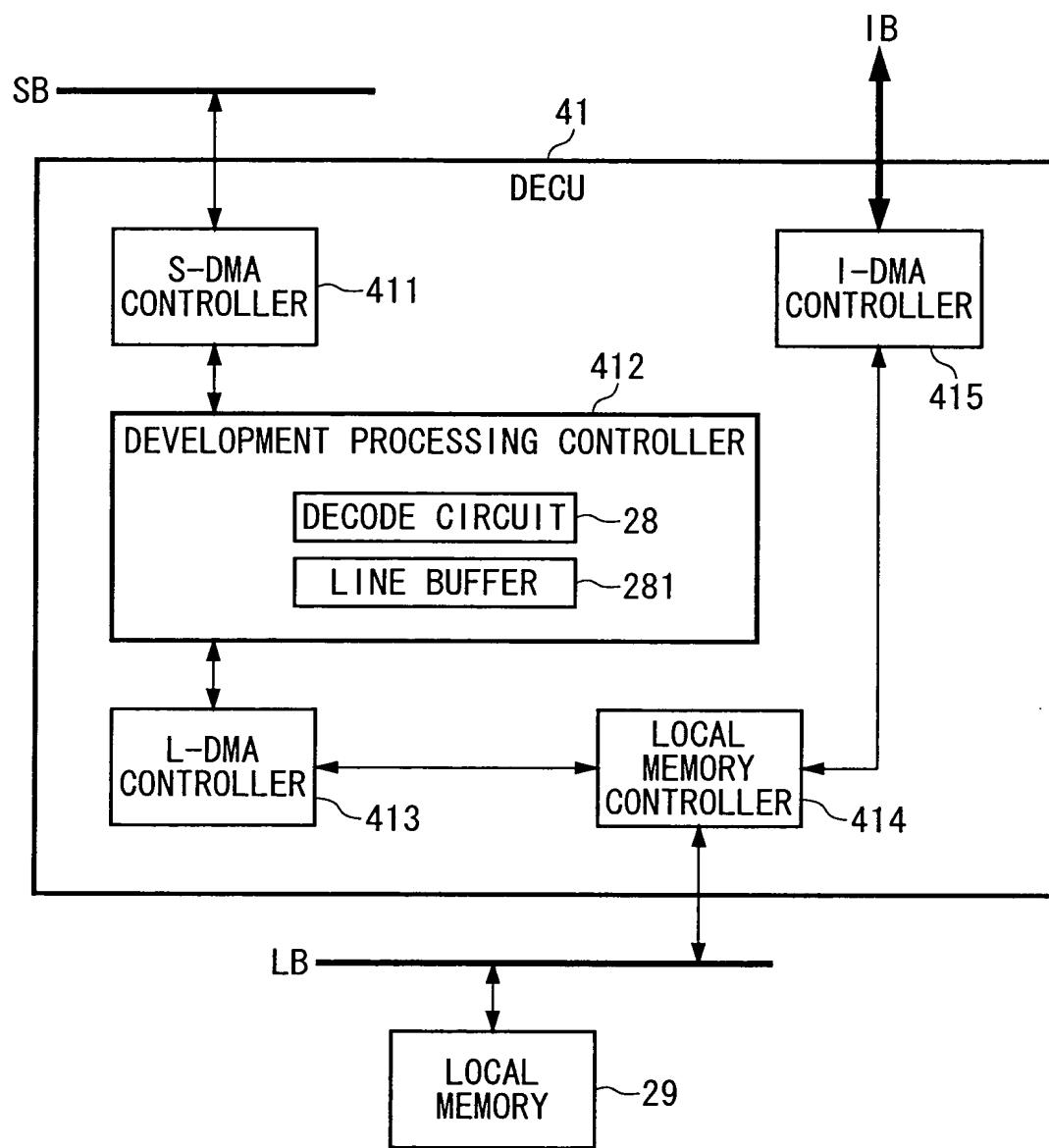
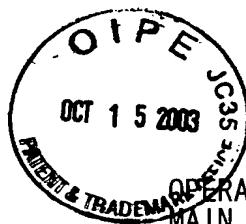


FIG. 6



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OPERATING CONDITION

MAIN MEMORY SIDE: STARTING ADDRESS OF RUN LENGTH DATA IS AN EVEN ADDRESS
 LOCAL MEMORY SIDE: STARTING ADDRESS OF IMAGE DATA IS AN EVEN ADDRESS
 NUMBER OF BYTES IN 1 LINE: 16 BYTES

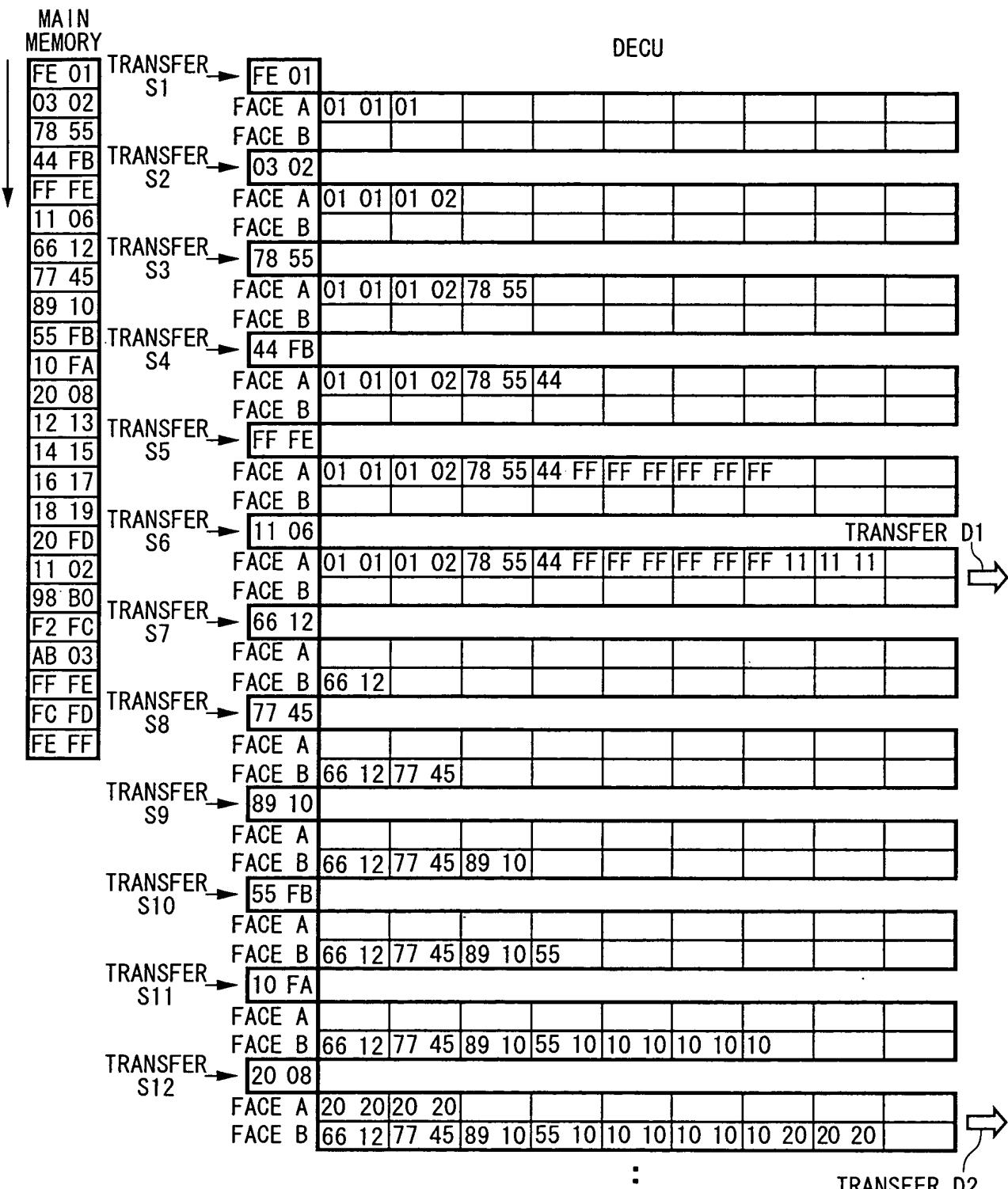


FIG. 7



DECU

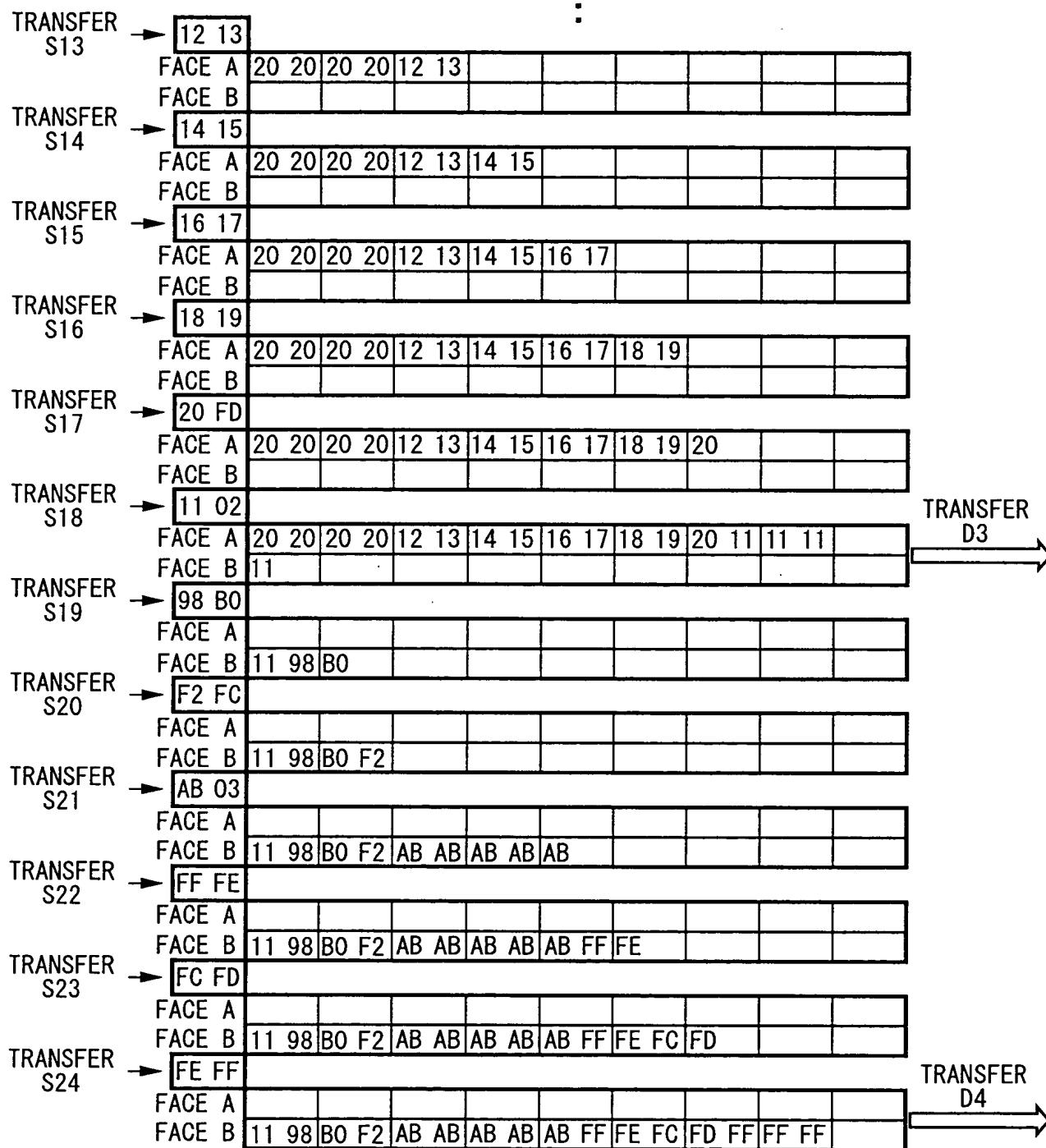


FIG. 8



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SETTING CONDITION

NO VERTICAL LINE REARRANGEMENT

TOTAL NUMBER OF DEVELOPED BYTES: 64 BYTES (16 × 4)

NUMBER OF BYTES IN 1 LINE: 16 BYTES

NUMBER OF DEVELOPED LINES: 4 LINES

LOCAL MEMORY

FIG. 9A

D1 →	01 01	01 02	78 55	44 FF
	FF FF	FF FF	FF 11	11 11
	00 00	00 00	00 00	00 00
	00 00	00 00	00 00	00 00
	00 00	00 00	00 00	00 00
	00 00	00 00	00 00	00 00
	00 00	00 00	00 00	00 00
	00 00	00 00	00 00	00 00

FIG. 9B

D2 →	01 01	01 02	78 55	44 FF
	FF FF	FF FF	FF 11	11 11
	66 12	77 45	89 10	55 10
	10 10	10 10	10 20	20 20
	00 00	00 00	00 00	00 00
	00 00	00 00	00 00	00 00
	00 00	00 00	00 00	00 00
	00 00	00 00	00 00	00 00

FIG. 9C

D3 →	01 01	01 02	78 55	44 FF
	FF FF	FF FF	FF 11	11 11
	66 12	77 45	89 10	55 10
	10 10	10 10	10 20	20 20
	20 20	20 20	12 13	14 15
	16 17	18 19	20 11	11 11
	00 00	00 00	00 00	00 00
	00 00	00 00	00 00	00 00

FIG. 9D

D4 →	01 01	01 02	78 55	44 FF
	FF FF	FF FF	FF 11	11 11
	66 12	77 45	89 10	55 10
	10 10	10 10	10 20	20 20
	20 20	20 20	12 13	14 15
	16 17	18 19	20 11	11 11
	11 98	B0 F2	AB AB	AB AB
	AB FF	FE FC	FD FF	FF FF



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SETTING CONDITION

VERTICAL LINE REARRANGEMENT PERFORMED

TOTAL NUMBER OF DEVELOPED BYTES: 64 BYTES (16×4)

NUMBER OF BYTES IN 1 LINE: 16 BYTES

NUMBER OF DEVELOPED LINES: 4 LINES

LOCAL MEMORY

D1↓

FIG. 10A

01 01	00 00	00 00	00 00	...	00 00
01 02	00 00	00 00	00 00	...	00 00
78 55	00 00	00 00	00 00	...	00 00
44 FF	00 00	00 00	00 00	...	00 00
FF FF	00 00	00 00	00 00	...	00 00
FF FF	00 00	00 00	00 00	...	00 00
FF 11	00 00	00 00	00 00	...	00 00
11 11	00 00	00 00	00 00	...	00 00

D2↓

FIG. 10B

01 01	66 12	00 00	00 00	...	00 00
01 02	77 45	00 00	00 00	...	00 00
78 55	89 10	00 00	00 00	...	00 00
44 FF	55 10	00 00	00 00	...	00 00
FF FF	10 10	00 00	00 00	...	00 00
FF FF	10 10	00 00	00 00	...	00 00
FF 11	10 20	00 00	00 00	...	00 00
11 11	20 20	00 00	00 00	...	00 00

D3↓

FIG. 10C

01 01	66 12	20 20	00 00	...	00 00
01 02	77 45	20 20	00 00	...	00 00
78 55	89 10	12 13	00 00	...	00 00
44 FF	55 10	14 15	00 00	...	00 00
FF FF	10 10	16 17	00 00	...	00 00
FF FF	10 10	18 19	00 00	...	00 00
FF 11	10 20	20 11	00 00	...	00 00
11 11	20 20	11 11	00 00	...	00 00

D4↓

FIG. 10D

01 01	66 12	20 20	11 98	...	00 00
01 02	77 45	20 20	B0 F2	...	00 00
78 55	89 10	12 13	AB AB	...	00 00
44 FF	55 10	14 15	AB AB	...	00 00
FF FF	10 10	16 17	AB FF	...	00 00
FF FF	10 10	18 19	FE FC	...	00 00
FF 11	10 20	20 11	FD FF	...	00 00
11 11	20 20	11 11	FF FF	...	00 00

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OPERATING CONDITION

MAIN MEMORY SIDE: STARTING ADDRESS OF RUN LENGTH DATA IS AN ODD ADDRESS
 LOCAL MEMORY SIDE: STARTING ADDRESS OF IMAGE DATA IS AN EVEN ADDRESS
 NUMBER OF 1 LINE BUFFER: 16 BYTES

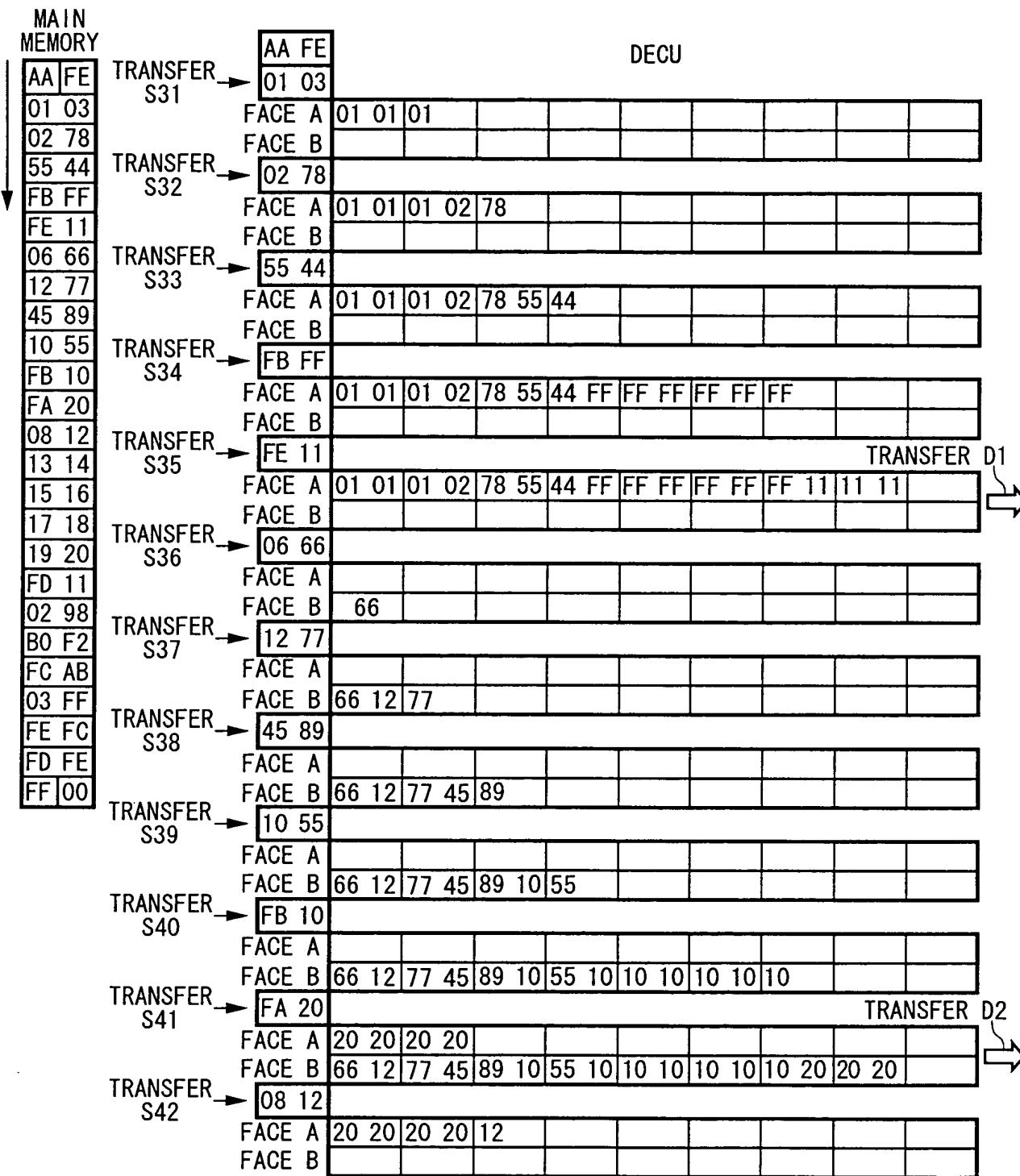


FIG. 11



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DECU

TRANSFER S43	13 14	FACE A	20 20 20 20 12 13 14							
TRANSFER S44	15 16	FACE A	20 20 20 20 12 13 14 15 16							
TRANSFER S45	17 18	FACE A	20 20 20 20 12 13 14 15 16 17 18							
TRANSFER S46	19 20	FACE A	20 20 20 20 12 13 14 15 16 17 18 19 20							
TRANSFER S47	FD 11	FACE A	20 20 20 20 12 13 14 15 16 17 18 19 20 11 11 11							
TRANSFER S48	02 98	FACE A								
TRANSFER S49	B0 F2	FACE B	11 98							
TRANSFER S50	FC AB	FACE A								
TRANSFER S51		FACE B	11 98 B0 F2 AB AB AB AB AB							
TRANSFER S52	03 FF	FACE A								
TRANSFER S53	FE FC	FACE B	11 98 B0 F2 AB AB AB AB AB FF	FE FC						
TRANSFER S54	FD FE	FACE A								
		FACE B	11 98 B0 F2 AB AB AB AB AB FF FE FC FD							
	FF 00	FACE A								
		FACE B	11 98 B0 F2 AB AB AB AB AB FF FE FC FD FF FF FF	TRANSFER D4	→					

FIG. 12

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OPERATING CONDITION

MAIN MEMORY SIDE: STARTING ADDRESS OF RUN LENGTH DATA IS AN EVEN ADDRESS
 LOCAL MEMORY SIDE: STARTING ADDRESS OF IMAGE DATA IS AN EVEN ADDRESS
 NUMBER OF 1 LINE BUFFER: 15 BYTES

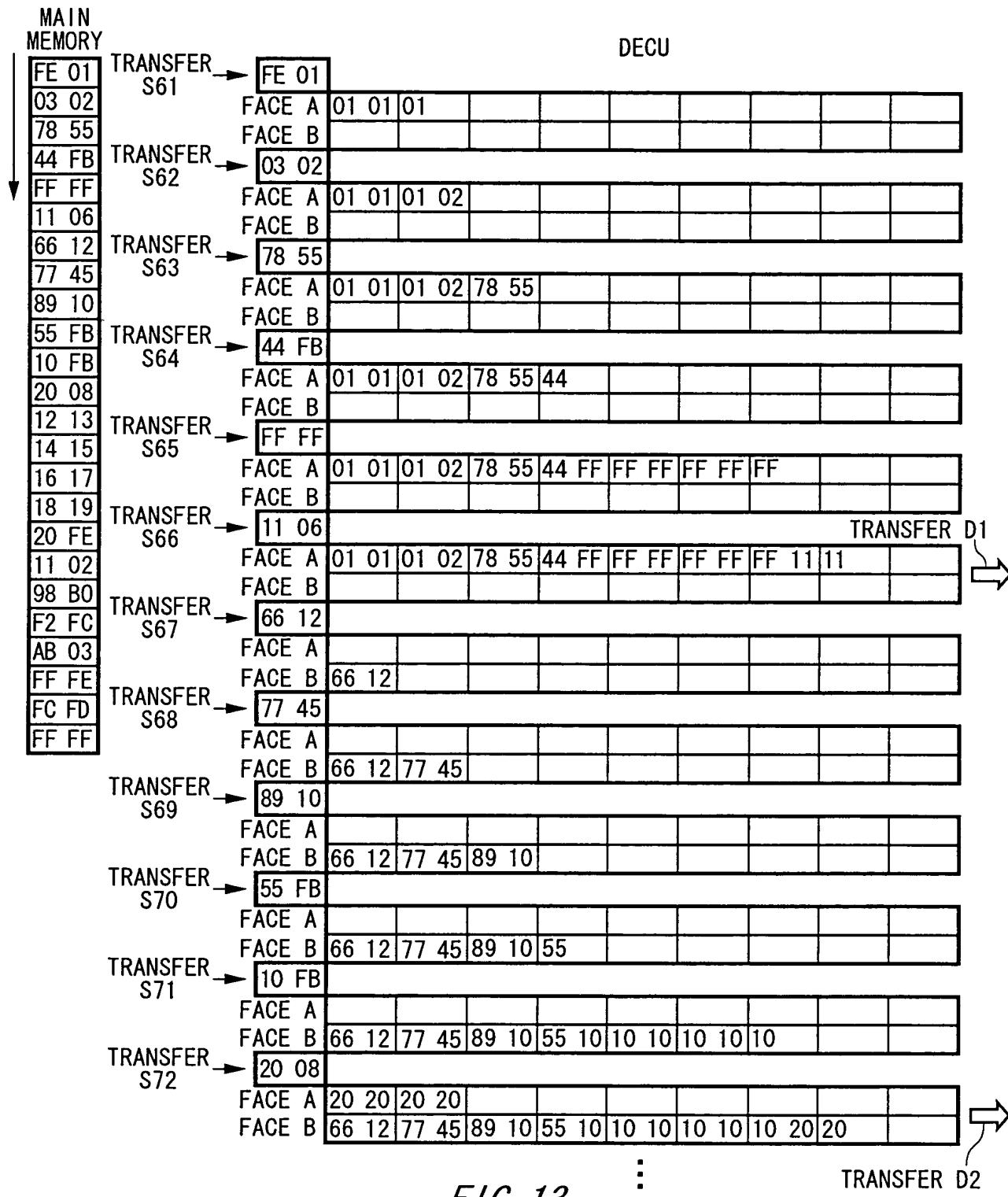


FIG. 13

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DECU

TRANSFER S73	→	12 13	FACE A	20 20 20 20 12 13	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	
TRANSFER S74	→	14 15	FACE A	20 20 20 20 12 13 14 15	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	
TRANSFER S75	→	16 17	FACE A	20 20 20 20 12 13 14 15 16 17	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	
TRANSFER S76	→	18 19	FACE A	20 20 20 20 12 13 14 15 16 17 18 19	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	
TRANSFER S77	→	20 FE	FACE A	20 20 20 20 12 13 14 15 16 17 18 19 20	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	
TRANSFER S78	→	11 02	FACE A	20 20 20 20 12 13 14 15 16 17 18 19 20 11 11	⋮	⋮	⋮	⋮	⋮	⋮	⋮	TRANSFER D3 →	
TRANSFER S79	→	98 B0	FACE A	11	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	
TRANSFER S80	→	F2 FC	FACE A	11 98 B0	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	
TRANSFER S81	→	AB 03	FACE A	11 98 B0 F2	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	
TRANSFER S82	→	FF FE	FACE A	11 98 B0 F2 AB AB AB AB AB AB AB FF FE	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	
TRANSFER S83	→	FC FD	FACE A	11 98 B0 F2 AB AB AB AB AB FF FE FC FD	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	
TRANSFER S84	→	FF FF	FACE A	11 98 B0 F2 AB AB AB AB AB FF FE FC FD FF FF	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	TRANSFER D4 →

FIG. 14



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SETTING CONDITION

VERTICAL LINE REARRANGEMENT PERFORMED

TOTAL NUMBER OF DEVELOPED BYTES: 60 BYTES (15 × 4)

NUMBER OF BYTES IN 1 LINE: 15 BYTES

NUMBER OF DEVELOPED LINES: 4 LINES

LOCAL MEMORY

D1 ↓							
01	01	00	00	00	00	00	00
01	02	00	00	00	00	00	00
78	55	00	00	00	00	00	00
44	FF	00	00	00	00	00	00
FF	FF	00	00	00	00	00	00
FF	FF	00	00	00	00	00	00
FF	11	00	00	00	00	00	00
11	00	00	00	00	00	00	00

FIG. 15A

D2 ↓							
01	01	66	12	00	00	00	00
01	02	77	45	00	00	00	00
78	55	89	10	00	00	00	00
44	FF	55	10	00	00	00	00
FF	FF	10	10	00	00	00	00
FF	FF	10	10	00	00	00	00
FF	11	10	20	00	00	00	00
11	00	20	00	00	00	00	00

FIG. 15B

D3 ↓							
01	01	66	12	20	20	00	00
01	02	77	45	20	20	00	00
78	55	89	10	12	13	00	00
44	FF	55	10	14	15	00	00
FF	FF	10	10	16	17	00	00
FF	FF	10	10	18	19	00	00
FF	11	10	20	20	11	00	00
11	00	20	00	11	00	00	00

FIG. 15C

D4 ↓							
01	01	66	12	20	20	11	98
01	02	77	45	20	20	B0	F2
78	55	89	10	12	13	AB	AB
44	FF	55	10	14	15	AB	AB
FF	FF	10	10	16	17	AB	FF
FF	FF	10	10	18	19	FE	FC
FF	11	10	20	20	11	FD	FF
11	00	20	00	11	00	FF	00

FIG. 15D



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SETTING CONDITION

NO VERTICAL LINE REARRANGEMENT

TOTAL NUMBER OF DEVELOPED BYTES: 60 BYTES (15×4)

NUMBER OF BYTES IN 1 LINE: 15 BYTES

NUMBER OF DEVELOPED LINES: 4 LINES

LOCAL MEMORY

FIG. 16A

D1→

01 01	01 02	78 55	44 FF	
FF FF	FF FF	FF 11	11 00	
00 00	00 00	00 00	00 00	
00 00	00 00	00 00	00 00	
00 00	00 00	00 00	00 00	
00 00	00 00	00 00	00 00	
00 00	00 00	00 00	00 00	
00 00	00 00	00 00	00 00	

FIG. 16B

D2→

01 01	01 02	78 55	44 FF	
FF FF	FF FF	FF 11	11 00	
66 12	77 45	89 10	55 10	
10 10	10 10	10 20	20 00	
00 00	00 00	00 00	00 00	
00 00	00 00	00 00	00 00	
00 00	00 00	00 00	00 00	
00 00	00 00	00 00	00 00	

FIG. 16C

D3→

01 01	01 02	78 55	44 FF	
FF FF	FF FF	FF 11	11 00	
66 12	77 45	89 10	55 10	
10 10	10 10	10 20	20 00	
20 20	20 20	12 13	14 15	
16 17	18 19	20 11	11 00	
00 00	00 00	00 00	00 00	
00 00	00 00	00 00	00 00	

FIG. 16D

D4→

01 01	01 02	78 55	44 FF	
FF FF	FF FF	FF 11	11 00	
66 12	77 45	89 10	55 10	
10 10	10 10	10 20	20 00	
20 20	20 20	12 13	14 15	
16 17	18 19	20 11	11 00	
11 98	B0 F2	AB AB	AB AB	
AB FF	FE FC	FD FF	FF 00	



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OPERATING CONDITION

MAIN MEMORY SIDE: STARTING ADDRESS OF RUN LENGTH DATA IS AN ODD ADDRESS
 LOCAL MEMORY SIDE: STARTING ADDRESS OF IMAGE DATA IS AN EVEN ADDRESS
 NUMBER OF 1 LINE BUFFER: 15 BYTES

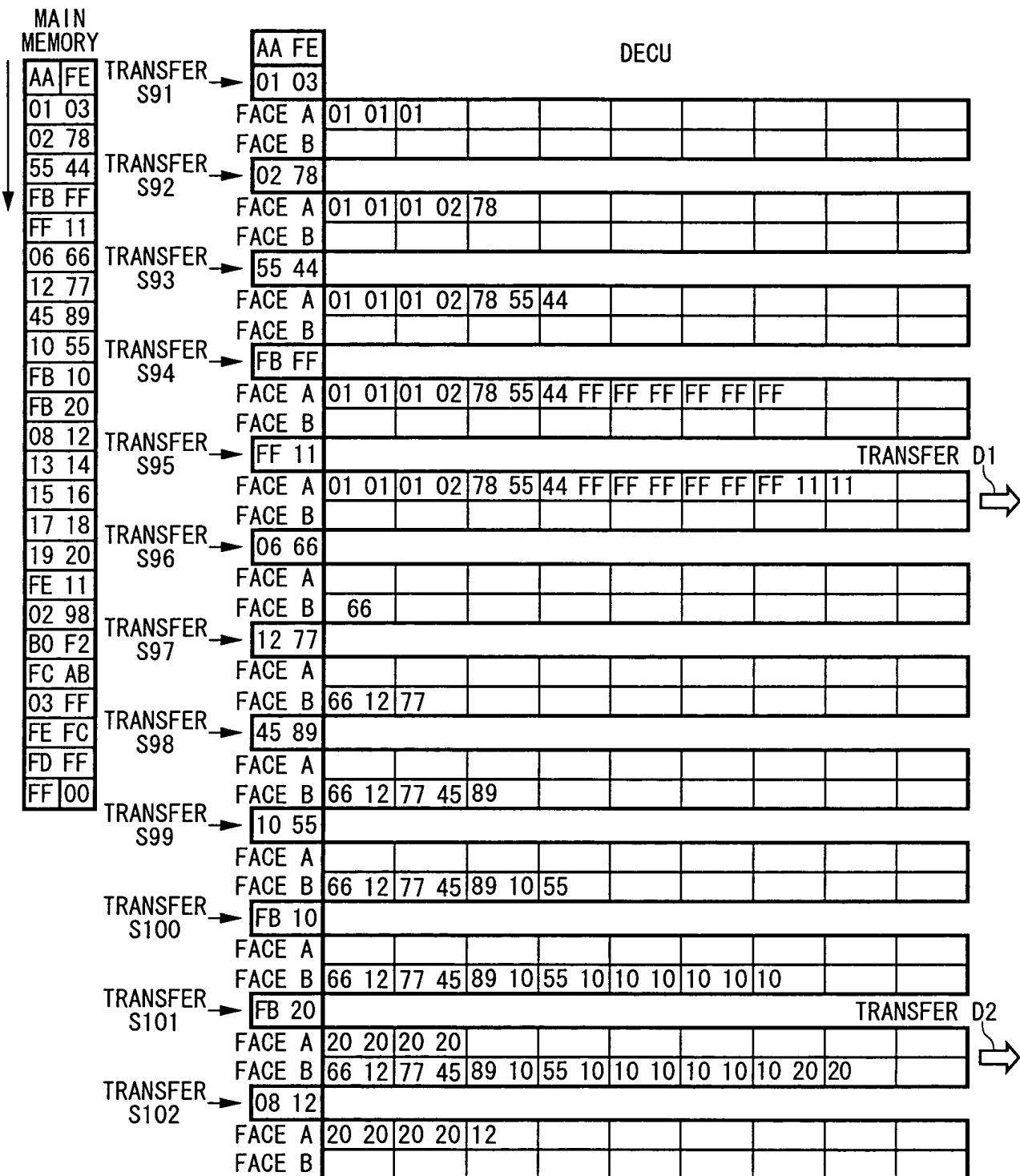


FIG. 17

DECU

:

TRANSFER S103	13 14	20 20 20 20 12 13 14								
	FACE A	20 20 20 20 12 13 14								
	FACE B									
TRANSFER S104	15 16	20 20 20 20 12 13 14 15 16								
	FACE A	20 20 20 20 12 13 14 15 16								
	FACE B									
TRANSFER S105	17 18	20 20 20 20 12 13 14 15 16 17 18								
	FACE A	20 20 20 20 12 13 14 15 16 17 18								
	FACE B									
TRANSFER S106	19 20	20 20 20 20 12 13 14 15 16 17 18 19 20								
	FACE A	20 20 20 20 12 13 14 15 16 17 18 19 20								
	FACE B									
TRANSFER S107	FE 11	20 20 20 20 12 13 14 15 16 17 18 19 20 11								
	FACE A	20 20 20 20 12 13 14 15 16 17 18 19 20 11								
	FACE B	11								
TRANSFER S108	02 98									
	FACE A									
	FACE B	11 98								
TRANSFER S109	B0 F2									
	FACE A									
	FACE B	11 98 B0 F2								
TRANSFER S110	FC AB									
	FACE A									
	FACE B	11 98 B0 F2 AB AB AB AB AB								
TRANSFER S111	03 FF									
	FACE A									
	FACE B	11 98 B0 F2 AB AB AB AB AB FF								
TRANSFER S112	FE FC									
	FACE A									
	FACE B	11 98 B0 F2 AB AB AB AB AB FF FE FC								
TRANSFER S113	FD FF									
	FACE A									
	FACE B	11 98 B0 F2 AB AB AB AB AB FF FE FC FD								
TRANSFER S114	FF 00									
	FACE A									
	FACE B	11 98 B0 F2 AB AB AB AB AB FF FE FC FD FF FF								

TRANSFER
D3

TRANSFER
D4

FIG. 18



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OPERATING CONDITION

MAIN MEMORY SIDE: STARTING ADDRESS OF RUN LENGTH DATA IS AN EVEN ADDRESS
 LOCAL MEMORY SIDE: STARTING ADDRESS OF IMAGE DATA IS AN ODD ADDRESS
 NUMBER OF 1 LINE BUFFER: 16 BYTES

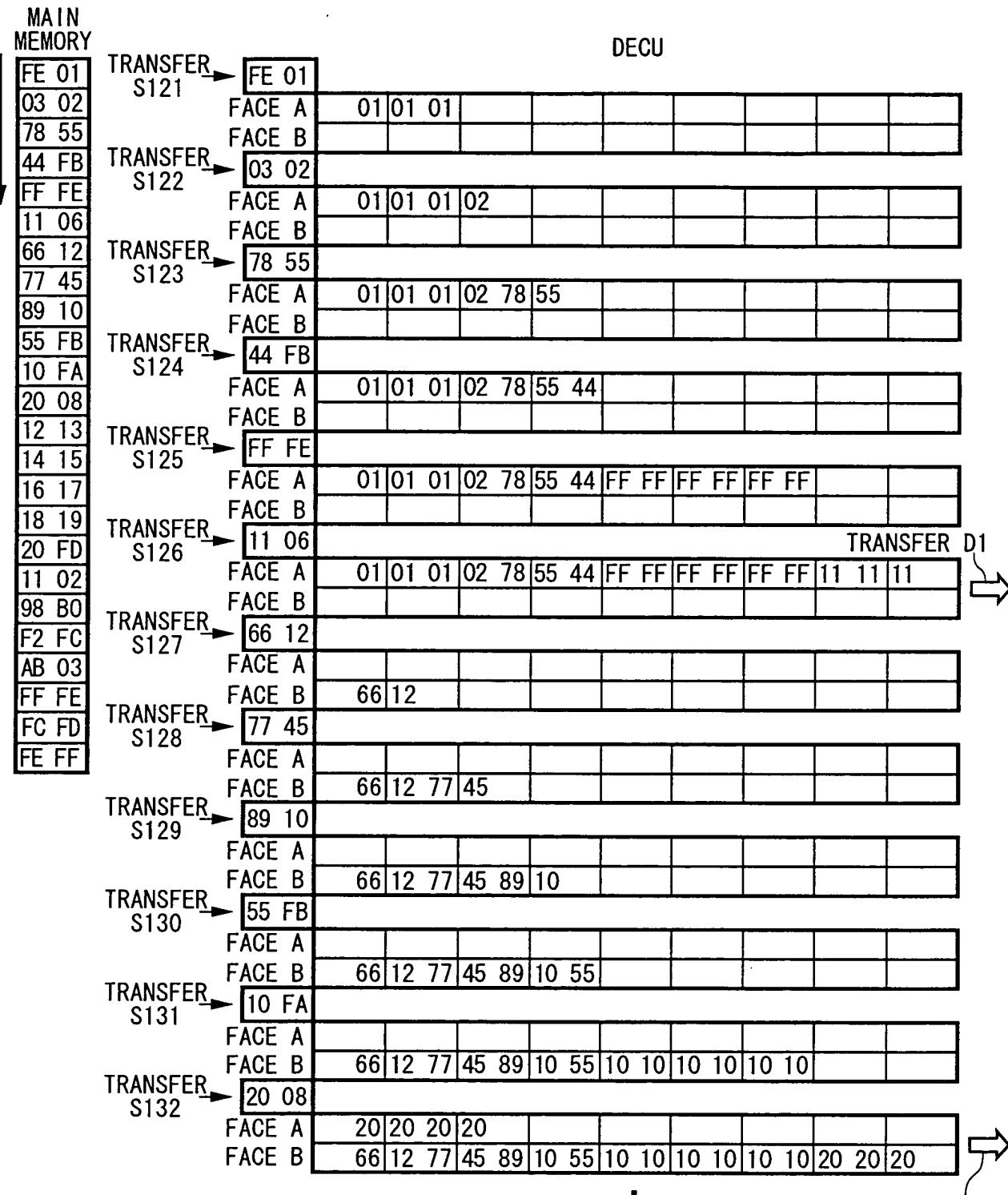


FIG. 19

TRANSFER D2



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DECL

TRANSFER
D3

TRANSFER
D4

FIG. 20

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SETTING CONDITION

VERTICAL LINE REARRANGEMENT PERFORMANCE

TOTAL NUMBER OF DEVELOPED BYTES: 64 BYTES (16 x 4)

NUMBER OF BYTES IN 1 LINE: 16 BYTE

NUMBER OF DEVELOPED LINES: 4 LINE

FIG. 21A

LOCAL MEMORY

D

FIG. 21B

D2 ✓

00	01	00	66	00	00	00	00	...	00	00
01	01	12	77	00	00	00	00	...	00	00
02	78	45	89	00	00	00	00	...	00	00
55	44	10	55	00	00	00	00	...	00	00
FF	FF	10	10	00	00	00	00	...	00	00
FF	FF	10	10	00	00	00	00	...	00	00
FF	FF	10	10	00	00	00	00	...	00	00
11	11	20	20	00	00	00	00	...	00	00
11	00	20	00	00	00	00	00	...	00	00

FIG. 21C

D3

00	01	00	66	00	20	00	00	...	00	00
01	01	12	77	20	20	00	00	...	00	00
02	78	45	89	20	12	00	00	...	00	00
55	44	10	55	13	14	00	00	...	00	00
FF	FF	10	10	15	16	00	00	...	00	00
FF	FF	10	10	17	18	00	00	...	00	00
FF	FF	10	10	19	20	00	00	...	00	00
11	11	20	20	11	11	00	00	...	00	00
11	00	20	00	11	00	00	00	...	00	00

FIG. 21D

D4

00	01	00	66	00	20	00	11	...	00	00
01	01	12	77	20	20	98	B0	...	00	00
02	78	45	89	20	12	F2	AB	...	00	00
55	44	10	55	13	14	AB	AB	...	00	00
FF	FF	10	10	15	16	AB	AB	...	00	00
FF	FF	10	10	17	18	FF	FE	...	00	00
FF	FF	10	10	19	20	FC	FD	...	00	00
11	11	20	20	11	11	FF	FF	...	00	00
11	00	20	00	11	00	FF	00	...	00	00



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OPERATING CONDITION

MAIN MEMORY SIDE: STARTING ADDRESS OF RUN LENGTH DATA IS AN EVEN ADDRESS
 LOCAL MEMORY SIDE: STARTING ADDRESS OF IMAGE DATA IS AN ODD ADDRESS
 NUMBER OF 1 LINE BUFFER: 15 BYTES

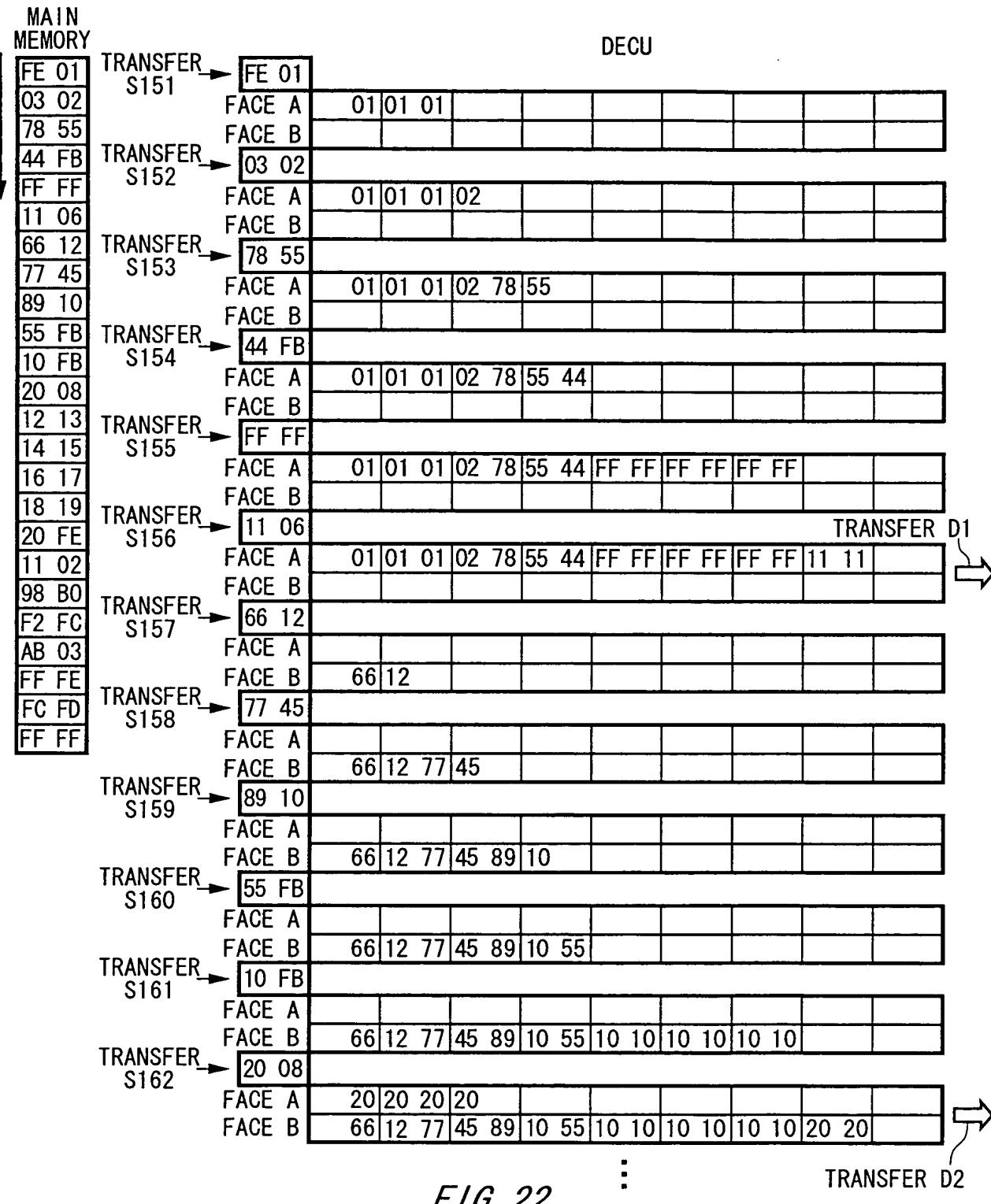


FIG. 22



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DECU

TRANSFER S163 → **12 13**

FACE A	20	20	20	20	12	13						
FACE B												

TRANSFER S164 → **14 15**

FACE A	20	20	20	20	12	13	14	15				
FACE B												

TRANSFER S165 → **16 17**

FACE A	20	20	20	20	12	13	14	15	16	17		
FACE B												

TRANSFER S166 → **18 19**

FACE A	20	20	20	20	12	13	14	15	16	17	18	19
FACE B												

TRANSFER S167 → **20 FE**

FACE A	20	20	20	20	12	13	14	15	16	17	18	19
FACE B												

TRANSFER S168 → **11 02**

FACE A	20	20	20	20	12	13	14	15	16	17	18	19
FACE B	11											

TRANSFER S169 → **98 B0**

FACE A												
FACE B	11	98	B0									

TRANSFER S170 → **F2 FC**

FACE A												
FACE B	11	98	B0	F2								

TRANSFER S171 → **AB 03**

FACE A												
FACE B	11	98	B0	F2	AB	AB	AB	AB	AB			

TRANSFER S172 → **FF FE**

FACE A												
FACE B	11	98	B0	F2	AB	AB	AB	AB	AB	FF	FE	

TRANSFER S173 → **FC FD**

FACE A													
FACE B	11	98	B0	F2	AB	AB	AB	AB	AB	FF	FE	FC	FD

TRANSFER S174 → **FE FF**

FACE A													
FACE B	11	98	B0	F2	AB	AB	AB	AB	AB	FF	FE	FC	FD

TRANSFER D3 →

TRANSFER D4 →

FIG. 23



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SETTING CONDITION
VERTICAL LINE REARRANGEMENT PERFORMED
TOTAL NUMBER OF DEVELOPED BYTES: 60 BYTES (15×4)
NUMBER OF BYTES IN 1 LINE: 15 BYTES
NUMBER OF DEVELOPED LINES: 4 LINES

LOCAL MEMORY

D1 ↓							
00	01	00	00	00	00	00	00
01	01	00	00	00	00	00	00
02	78	00	00	00	00	00	00
55	44	00	00	00	00	00	00
FF	FF	00	00	00	00	00	00
FF	FF	00	00	00	00	00	00
FF	FF	00	00	00	00	00	00
11	11	00	00	00	00	00	00

FIG. 24A

D2 ↓							
00	01	00	66	00	00	00	00
01	01	12	77	00	00	00	00
02	78	45	89	00	00	00	00
55	44	10	55	00	00	00	00
FF	FF	10	10	00	00	00	00
FF	FF	10	10	00	00	00	00
FF	FF	10	10	00	00	00	00
11	11	20	20	00	00	00	00

FIG. 24B

D3 ↓							
00	01	00	66	00	20	00	00
01	01	12	77	20	20	00	00
02	78	45	89	20	12	00	00
55	44	10	55	13	14	00	00
FF	FF	10	10	15	16	00	00
FF	FF	10	10	17	18	00	00
FF	FF	10	10	19	20	00	00
11	11	20	20	11	11	00	00

FIG. 24C

D4 ↓							
00	01	00	66	00	20	00	11
01	01	12	77	20	20	98	B0
02	78	45	89	20	12	F2	AB
55	44	10	55	13	14	AB	AB
FF	FF	10	10	15	16	AB	AB
FF	FF	10	10	17	18	FF	FE
FF	FF	10	10	19	20	FC	FD
11	11	20	20	11	11	FF	FF

FIG. 24D

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OPERATING CONDITION

MAIN MEMORY SIDE: STARTING ADDRESS OF RUN LENGTH DATA IS AN ODD ADDRESS
LOCAL MEMORY SIDE: STARTING ADDRESS OF IMAGE DATA IS AN ODD ADDRESS
NUMBER OF 1 LINE BUFFER: 16 BYTES

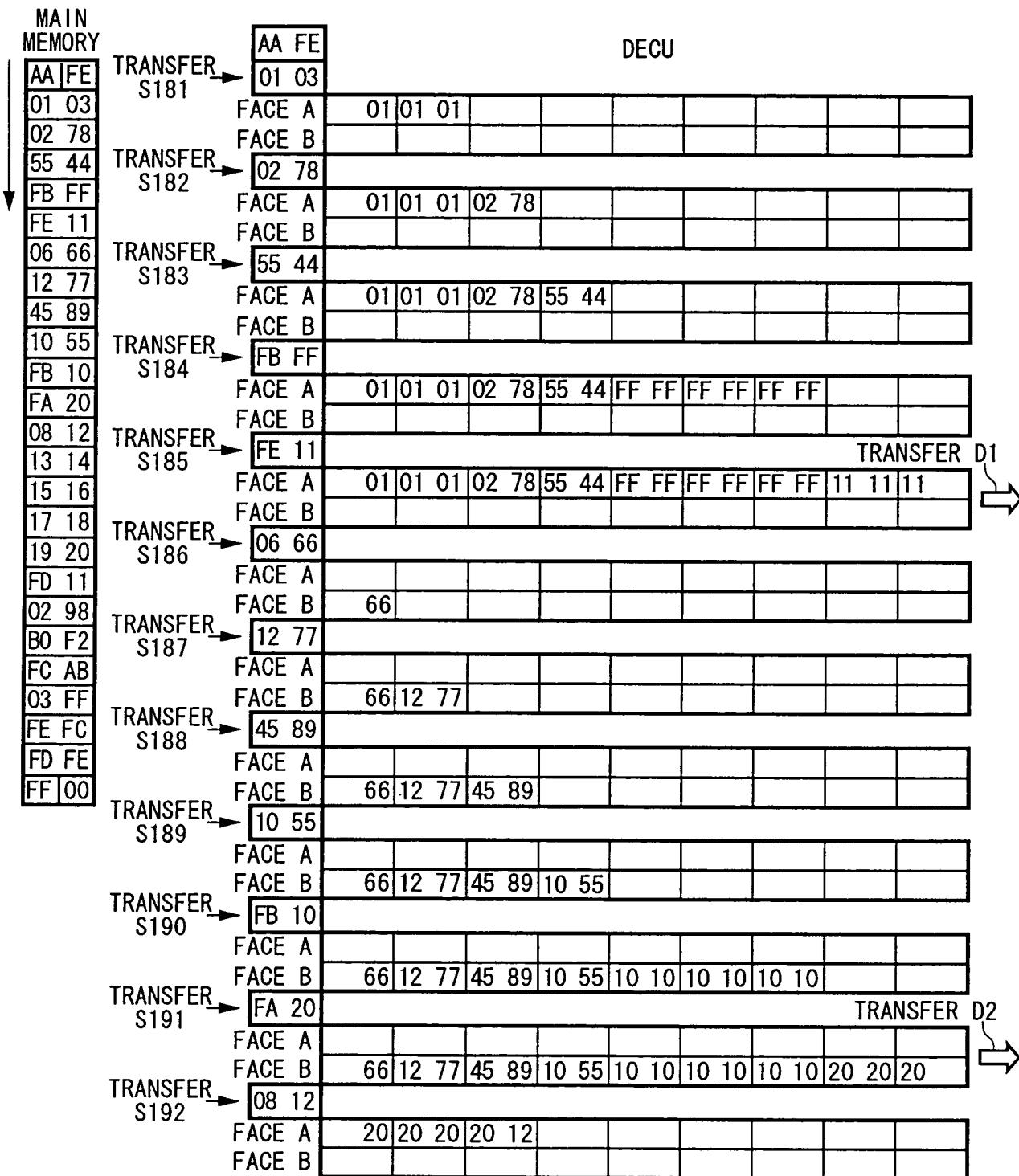


FIG. 25



DECU

TRANSFER S193	→	13 14																		
		FACE A	20	20	20	20	12	13	14											
		FACE B																		
TRANSFER S194	→	15 16																		
		FACE A	20	20	20	20	12	13	14	15	16									
		FACE B																		
TRANSFER S195	→	17 18																		
		FACE A	20	20	20	20	12	13	14	15	16	17	18							
		FACE B																		
TRANSFER S196	→	19 20																		
		FACE A	20	20	20	20	12	13	14	15	16	17	18	19	20					
		FACE B																		
TRANSFER S197	→	FD 11																		
		FACE A	20	20	20	20	12	13	14	15	16	17	18	19	20	11	11	11		
		FACE B	11																	
TRANSFER S198	→	02 98																		
		FACE A																		
		FACE B	11	98																
TRANSFER S199	→	B0 F2																		
		FACE A																		
		FACE B	11	98	B0	F2														
TRANSFER S200	→	FC AB																		
		FACE A																		
		FACE B	11	98	B0	F2	AB	AB	AB	AB	AB									
TRANSFER S201	→	03 FF																		
		FACE A																		
		FACE B	11	98	B0	F2	AB	AB	AB	AB	AB	AB	FF							
TRANSFER S202	→	FE FC																		
		FACE A																		
		FACE B	11	98	B0	F2	AB	AB	AB	AB	AB	AB	FF	FE	FC					
TRANSFER S203	→	FD FE																		
		FACE A																		
		FACE B	11	98	B0	F2	AB	AB	AB	AB	AB	AB	FF	FE	FC	FD				
TRANSFER S204	→	FF 00																		
		FACE A																		
		FACE B	11	98	B0	F2	AB	AB	AB	AB	AB	AB	FF	FE	FC	FD	FF	FF	FF	

TRANSFER
D3

TRANSFER
D4

OPERATING CONDITION

MAIN MEMORY SIDE: STARTING ADDRESS OF RUN LENGTH DATA IS AN ODD ADDRESS
 LOCAL MEMORY SIDE: STARTING ADDRESS OF IMAGE DATA IS AN ODD ADDRESS
 NUMBER OF 1 LINE BUFFER: 15 BYTES

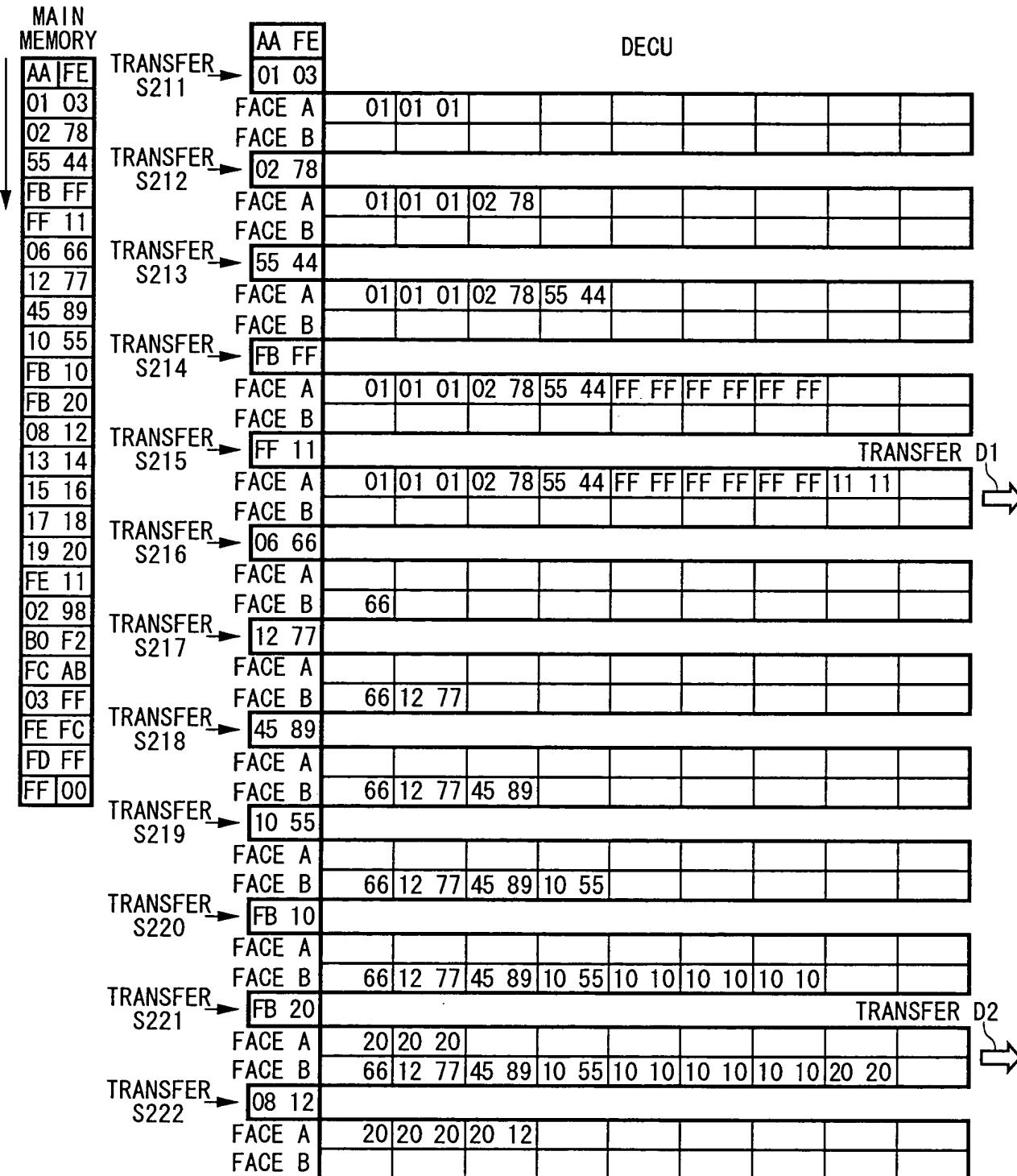


FIG. 27



DECU

:

TRANSFER S223	13 14	20 20 20 20 12 13 14						
	FACE A							
	FACE B							
TRANSFER S224	15 16	20 20 20 20 12 13 14 15 16						
	FACE A							
	FACE B							
TRANSFER S225	17 18	20 20 20 20 12 13 14 15 16 17 18						
	FACE A							
	FACE B							
TRANSFER S226	19 20	20 20 20 20 12 13 14 15 16 17 18 19 20						
	FACE A							
	FACE B							
TRANSFER S227	FE 11	20 20 20 20 12 13 14 15 16 17 18 19 20 11 11						
	FACE A							
	FACE B	11						
TRANSFER S228	02 98	11 98						
	FACE A							
	FACE B	11 98						
TRANSFER S229	B0 F2	11 98 B0 F2						
	FACE A							
	FACE B	11 98 B0 F2						
TRANSFER S230	FC AB	11 98 B0 F2 AB AB AB AB AB AB						
	FACE A							
	FACE B	11 98 B0 F2 AB AB AB AB AB AB						
TRANSFER S231	03 FF	11 98 B0 F2 AB AB AB AB AB AB FF						
	FACE A							
	FACE B	11 98 B0 F2 AB AB AB AB AB AB FF						
TRANSFER S232	FE FC	11 98 B0 F2 AB AB AB AB AB AB FF FE FC						
	FACE A							
	FACE B	11 98 B0 F2 AB AB AB AB AB AB FF FE FC						
TRANSFER S233	FD FF	11 98 B0 F2 AB AB AB AB AB AB FF FE FC FD						
	FACE A							
	FACE B	11 98 B0 F2 AB AB AB AB AB AB FF FE FC FD						
TRANSFER S234	FF 00	11 98 B0 F2 AB AB AB AB AB AB FF FE FC FD FF FF						
	FACE A							
	FACE B	11 98 B0 F2 AB AB AB AB AB AB FF FE FC FD FF FF						

TRANSFER
D3

TRANSFER
D4



SETTING CONDITION
 VERTICAL LINE REARRANGEMENT PERFORMED
 TOTAL NUMBER OF DEVELOPED BYTES: 64 BYTES (16 × 4)
 NUMBER OF BYTES IN 1 LINE: 16 BYTES
 NUMBER OF DEVELOPED LINES: 4 LINES

LOCAL MEMORY

		IMAGE 1					
		D1 ↓					
01	01	00	00	00	00	00	00
01	02	00	00	00	00	00	00
78	55	00	00	00	00	00	00
44	FF	00	00	00	00	00	00
FF	FF	00	00	00	00	00	00
FF	FF	00	00	00	00	00	00
FF	11	00	00	00	00	00	00
11	11	00	00	00	00	00	00

FIG. 29A

		IMAGE 2					
		D2 ↓					
66	12	00	00	00	00	00	00
77	45	00	00	00	00	00	00
89	10	00	00	00	00	00	00
55	10	00	00	00	00	00	00
10	10	00	00	00	00	00	00
10	10	00	00	00	00	00	00
10	20	00	00	00	00	00	00
20	20	00	00	00	00	00	00

FIG. 29B

		IMAGE 1					
		D3 ↓					
01	01	20	20	00	00	00	00
01	02	20	20	00	00	00	00
78	55	12	13	00	00	00	00
44	FF	14	15	00	00	00	00
FF	FF	16	17	00	00	00	00
FF	FF	18	19	00	00	00	00
FF	11	20	11	00	00	00	00
11	11	11	11	00	00	00	00

FIG. 29C

		IMAGE 2					
		D4 ↓					
66	12	11	98	00	00	00	00
77	45	B0	F2	00	00	00	00
89	10	AB	AB	00	00	00	00
55	10	AB	AB	00	00	00	00
10	10	AB	FF	00	00	00	00
10	10	FE	FC	00	00	00	00
10	20	FD	FF	00	00	00	00
20	20	FF	FF	00	00	00	00

FIG. 29D

SETTING CONDITION

NO VERTICAL LINE REARRANGEMENT

TOTAL NUMBER OF DEVELOPED BYTES: 64 BYTES (16 × 4)

NUMBER OF BYTES IN 1 LINE: 16 BYTES

NUMBER OF DEVELOPED LINES: 4 LINES

LOCAL MEMORY

IMAGE 1

FIG. 30A

D1 →

01 01	01 02	78 55	44 FF
FF FF	FF FF	FF 11	11 11
00 00	00 00	00 00	00 00
00 00	00 00	00 00	00 00
00 00	00 00	00 00	00 00
00 00	00 00	00 00	00 00
00 00	00 00	00 00	00 00
00 00	00 00	00 00	00 00

IMAGE 2

FIG. 30B

D2 →

66 12	77 45	89 10	55 10
10 10	10 10	10 20	20 20
00 00	00 00	00 00	00 00
00 00	00 00	00 00	00 00
00 00	00 00	00 00	00 00
00 00	00 00	00 00	00 00
00 00	00 00	00 00	00 00
00 00	00 00	00 00	00 00

IMAGE 1

FIG. 30C

D3 →

01 01	01 02	78 55	44 FF
FF FF	FF FF	FF 11	11 11
20 20	20 20	12 13	14 15
16 17	18 19	20 11	11 11
00 00	00 00	00 00	00 00
00 00	00 00	00 00	00 00
00 00	00 00	00 00	00 00
00 00	00 00	00 00	00 00

IMAGE 2

FIG. 30D

D4 →

66 12	77 45	89 10	55 10
10 10	10 10	10 20	20 20
11 98	B0 F2	AB AB	AB AB
AB FF	FE FC	FD FF	FF FF
00 00	00 00	00 00	00 00
00 00	00 00	00 00	00 00
00 00	00 00	00 00	00 00
00 00	00 00	00 00	00 00



SETTING CONDITION

VERTICAL LINE REARRANGEMENT PERFORMED

TOTAL NUMBER OF DEVELOPED BYTES: 60 BYTES (15×4)

NUMBER OF BYTES IN 1 LINES: 15 BYTES

NUMBER OF DEVELOPED LINES: 4 LINES

LOCAL MEMORY

D1 ↓	IMAGE 1				...
01 01	00 00	00 00	00 00	00 00	...
01 02	00 00	00 00	00 00	00 00	...
78 55	00 00	00 00	00 00	00 00	...
44 FF	00 00	00 00	00 00	00 00	...
FF FF	00 00	00 00	00 00	00 00	...
FF FF	00 00	00 00	00 00	00 00	...
FF 11	00 00	00 00	00 00	00 00	...
11 00	00 00	00 00	00 00	00 00	...

FIG. 31A

D2 ↓	IMAGE 2				...
66 12	00 00	00 00	00 00	00 00	...
77 45	00 00	00 00	00 00	00 00	...
89 10	00 00	00 00	00 00	00 00	...
55 10	00 00	00 00	00 00	00 00	...
10 10	00 00	00 00	00 00	00 00	...
10 10	00 00	00 00	00 00	00 00	...
10 20	00 00	00 00	00 00	00 00	...
20 00	00 00	00 00	00 00	00 00	...

FIG. 31B

D3 ↓	IMAGE 1				...
01 01	20 20	00 00	00 00	00 00	...
01 02	20 20	00 00	00 00	00 00	...
78 55	12 13	00 00	00 00	00 00	...
44 FF	14 15	00 00	00 00	00 00	...
FF FF	16 17	00 00	00 00	00 00	...
FF FF	18 19	00 00	00 00	00 00	...
FF 11	20 11	00 00	00 00	00 00	...
11 00	11 00	00 00	00 00	00 00	...

FIG. 31C

D4 ↓	IMAGE 2				...
66 12	11 98	00 00	00 00	00 00	...
77 45	B0 F2	00 00	00 00	00 00	...
89 10	AB AB	00 00	00 00	00 00	...
55 10	AB AB	00 00	00 00	00 00	...
10 10	AB FF	00 00	00 00	00 00	...
10 10	FE FC	00 00	00 00	00 00	...
10 20	FD FF	00 00	00 00	00 00	...
20 00	FF 00	00 00	00 00	00 00	...

FIG. 31D

SETTING CONDITION
NO VERTICAL LINE REARRANGEMENT
TOTAL NUMBER OF DEVELOPED BYTES: 60 BYTES (15×4)
NUMBER OF BYTES IN 1 LINE: 15 BYTES
NUMBER OF DEVELOPED LINES: 4 LINES

FIG. 32A

FIG. 32B

FIG. 32C

FIG. 32D

LOCAL MEMORY

	IMAGE 1			
D1 →	01 01	01 02	78 55	44 FF
	FF FF	FF FF	FF 11	11 00
	00 00	00 00	00 00	00 00
	00 00	00 00	00 00	00 00
	00 00	00 00	00 00	00 00
	00 00	00 00	00 00	00 00
	00 00	00 00	00 00	00 00
	00 00	00 00	00 00	00 00
	00 00	00 00	00 00	00 00
	00 00	00 00	00 00	00 00
	00 00	00 00	00 00	00 00
	00 00	00 00	00 00	00 00
D2 →	66 12	77 45	89 10	55 10
	10 10	10 10	10 20	20 00
	00 00	00 00	00 00	00 00
	00 00	00 00	00 00	00 00
	00 00	00 00	00 00	00 00
	00 00	00 00	00 00	00 00
	00 00	00 00	00 00	00 00
	00 00	00 00	00 00	00 00
D3 →	01 01	01 02	78 55	44 FF
	FF FF	FF FF	FF 11	11 00
	20 20	20 20	12 13	14 15
	16 17	18 19	20 11	11 00
	00 00	00 00	00 00	00 00
	00 00	00 00	00 00	00 00
	00 00	00 00	00 00	00 00
	00 00	00 00	00 00	00 00
D4 →	66 12	77 45	89 10	55 10
	10 10	10 10	10 20	20 00
	11 98	B0 F2	AB AB	AB AB
	AB FF	FE FC	FD FF	FF 00
	00 00	00 00	00 00	00 00
	00 00	00 00	00 00	00 00
	00 00	00 00	00 00	00 00
	00 00	00 00	00 00	00 00

SETTING CONDITION
VERTICAL LINE REARRANGEMENT PERFORMED
TOTAL NUMBER OF DEVELOPED BYTES: 64 BYTES (16 × 4)
NUMBER OF BYTES IN 1 LINE: 16 BYTES
NUMBER OF DEVELOPED LINES: 4 LINES

FIG. 33A

LOCAL MEMORY				
D1 ↓	IMAGE 1			
00 01	00 00	00 00	00 00	...
01 01	00 00	00 00	00 00	...
02 78	00 00	00 00	00 00	...
55 44	00 00	00 00	00 00	...
FF FF	00 00	00 00	00 00	...
FF FF	00 00	00 00	00 00	...
FF FF	00 00	00 00	00 00	...
11 11	00 00	00 00	00 00	...
11 00	00 00	00 00	00 00	...

FIG. 33B

LOCAL MEMORY				
D2 ↓	IMAGE 2			
00 66	00 00	00 00	00 00	...
12 77	00 00	00 00	00 00	...
45 89	00 00	00 00	00 00	...
10 55	00 00	00 00	00 00	...
10 10	00 00	00 00	00 00	...
10 10	00 00	00 00	00 00	...
20 20	00 00	00 00	00 00	...
20 00	00 00	00 00	00 00	...

FIG. 33C

LOCAL MEMORY				
D3 ↓	IMAGE 1			
00 01	00 20	00 00	00 00	...
01 01	20 20	00 00	00 00	...
02 78	20 12	00 00	00 00	...
55 44	13 14	00 00	00 00	...
FF FF	15 16	00 00	00 00	...
FF FF	17 18	00 00	00 00	...
FF FF	19 20	00 00	00 00	...
11 11	11 11	00 00	00 00	...
11 00	11 00	00 00	00 00	...

FIG. 33D

LOCAL MEMORY				
D4 ↓	IMAGE 2			
00 66	00 11	00 00	00 00	...
12 77	98 B0	00 00	00 00	...
45 89	F2 AB	00 00	00 00	...
10 55	AB AB	00 00	00 00	...
10 10	AB AB	00 00	00 00	...
10 10	FF FE	00 00	00 00	...
10 10	FC FD	00 00	00 00	...
20 20	FF FF	00 00	00 00	...
20 00	FF 00	00 00	00 00	...



SETTING CONDITION
VERTICAL LINE REARRANGEMENT PERFORMED
TOTAL NUMBER OF DEVELOPED BYTES: 60 BYTES (15×4)
NUMBER OF BYTES IN 1 LINE: 15 BYTES
NUMBER OF DEVELOPED LINES: 4 LINES

LOCAL MEMORY

FIG. 34A

IMAGE 1					
00	01	00	00	00	00 00
01	01	00	00	00	00 00
02	78	00	00	00	00 00
55	44	00	00	00	00 00
FF	FF	00	00	00	00 00
FF	FF	00	00	00	00 00
FF	FF	00	00	00	00 00
11	11	00	00	00	00 00

FIG. 34B

IMAGE 2					
00	66	00	00	00	00 00
12	77	00	00	00	00 00
45	89	00	00	00	00 00
10	55	00	00	00	00 00
10	10	00	00	00	00 00
10	10	00	00	00	00 00
10	10	00	00	00	00 00
20	20	00	00	00	00 00

FIG. 34C

IMAGE 1					
00	01	00	20	00	00 00
01	01	20	20	00	00 00
02	78	20	12	00	00 00
55	44	13	14	00	00 00
FF	FF	15	16	00	00 00
FF	FF	17	18	00	00 00
FF	FF	19	20	00	00 00
11	11	11	11	00	00 00

FIG. 34D

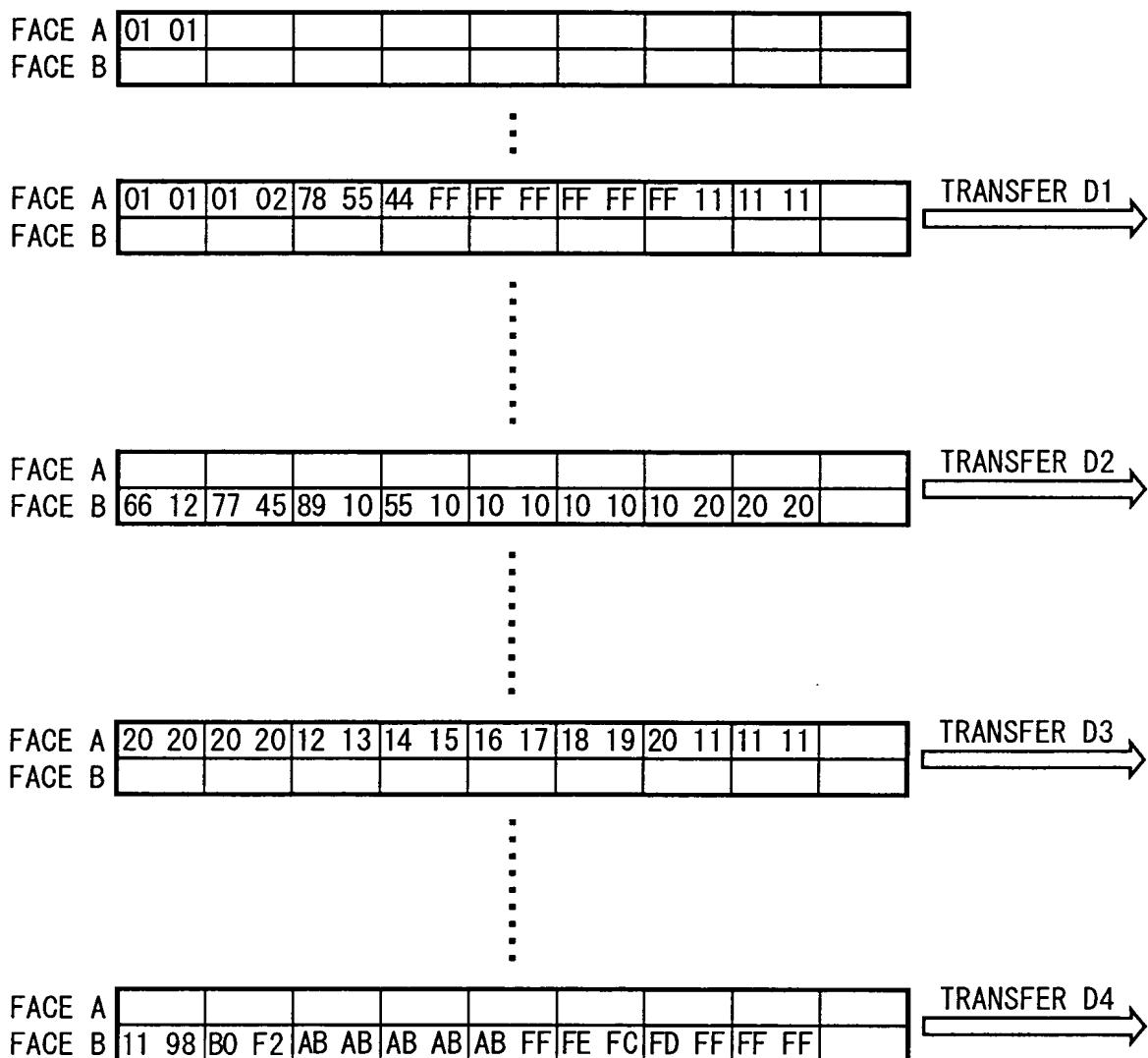
IMAGE 2					
00	66	00	11	00	00 00
12	77	98	B0	00	00 00
45	89	F2	AB	00	00 00
10	55	AB	AB	00	00 00
10	10	AB	AB	00	00 00
10	10	FF	FE	00	00 00
10	10	FC	FD	00	00 00
20	20	FF	FF	00	00 00



OPERATING CONDITION

MAIN MEMORY SIDE: STARTING ADDRESS OF RUN LENGTH DATA IS AN EVEN ADDRESS
LOCAL MEMORY SIDE: STARTING ADDRESS OF IMAGE DATA IS AN EVEN ADDRESS
NUMBER OF 1 LINE BUFFER: 16 BYTES

DECU





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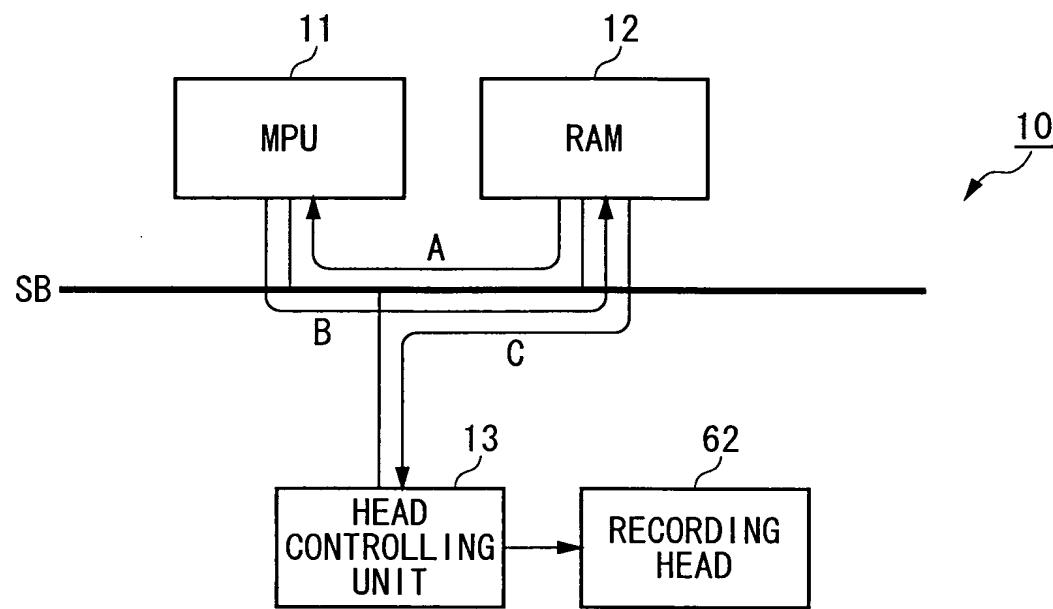


FIG. 36